

## UROSKOP D

**IRX**

### Repair Instructions

### Replacement of the cassette transport belts



#### Register 1

RLL5-310.091.06.01.02

Englisch

Replaces:

**08.93**

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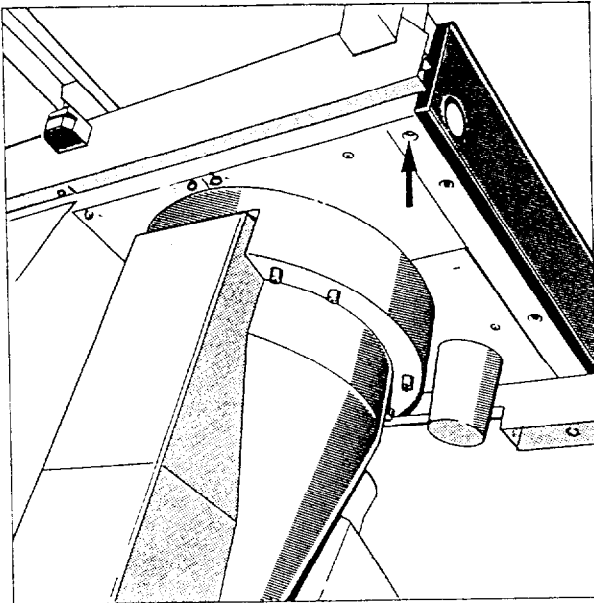


Fig.1

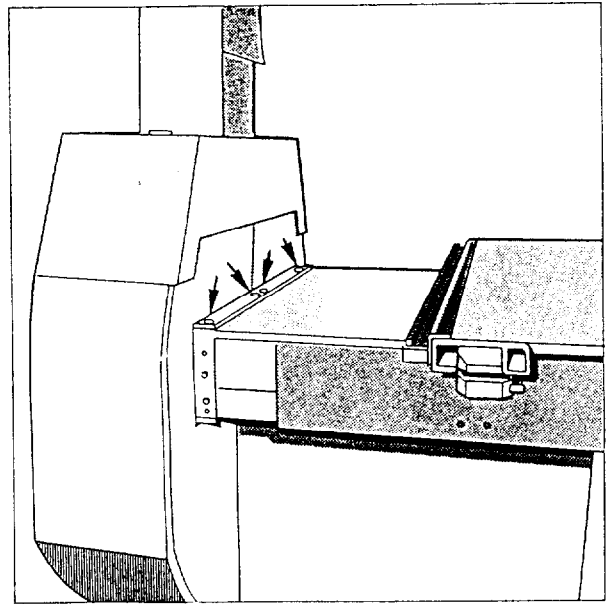


Fig.2

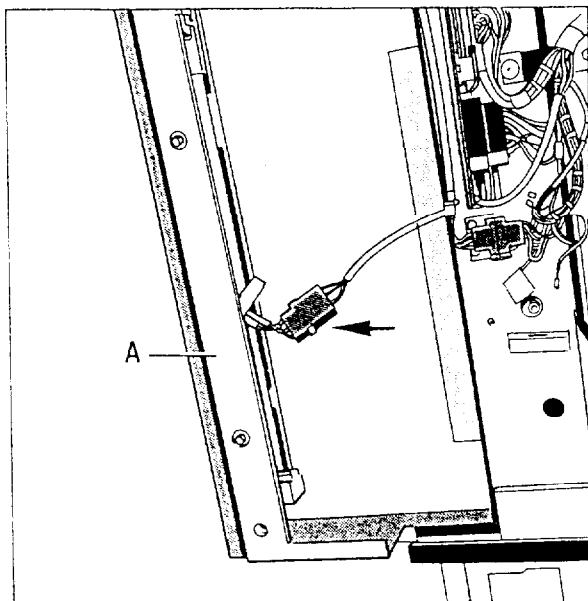


Fig.3

## Removing the spotfilm device panelling

- Remove the screws marked with an arrow in Fig. 1 and Fig. 2 below the spotfilm device at the front and before the tube column swivel piece at the rear.
- Pull the panelling A towards the front until the plug connection (↗/Fig. 3) of the emergency stop button and the cassette transport switch become accessible.
- Remove the plug connection N16.X1 (↗/Fig. 3, emergency stop and cassette unloading function) and short the safety circuit via PIN 1 and PIN 2.
- Pull out the spotfilm device panelling fully.

### Removing the diaphragm plate drive

- Mark the position of the toothed belt and toothed belt pulley.  
(This will prevent a later time-consuming adjustment of the diaphragm plates).
- Remove the connections X52 and X53 of am52 or of the encoder (Fig.4).
- Remove the IONTOMAT connection N16/JK1 (Fig.4).
- Pull out all cables behind board D50.
- Unscrew the fastening screws from the drive motor am52.
- Detach the toothed belt and remove the motor;  
to do this, undo the installation plate, if necessary.
- Using an Allen key, unscrew all 14 Allen screws from the installation plate (↗/Fig. 5) and remove the installation plate.

**Note:**

*A longer screw has been screwed in next to the motor!*

- Move the tabletop so that the screws become accessible.
- Ensure that all plug connections are separated and that the Iontomat is disconnected as well.
- Pull out the installation plate slowly and carefully towards the front.

**Note:**

*When doing this, take care to prevent the lever (Fig. 6) or the setting scale from being caught up by the tabletop, the cassette tray or the arm in front of the swivel piece.*

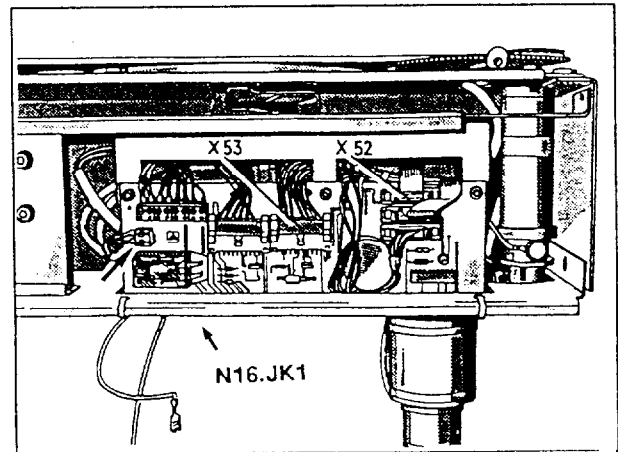


Fig. 4

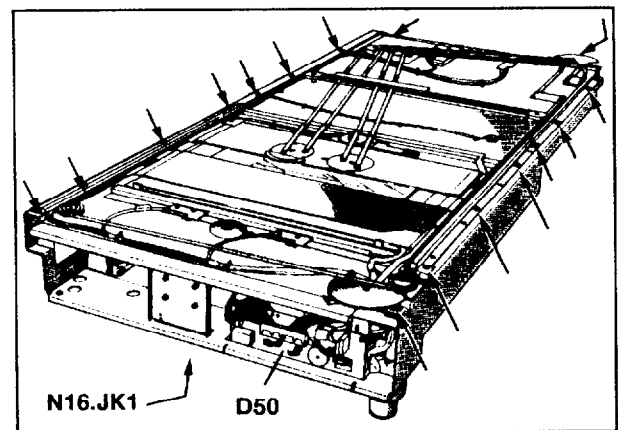


Fig. 5

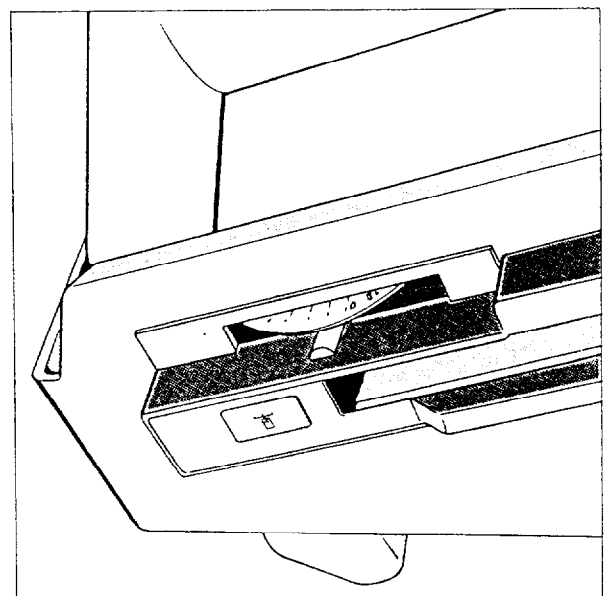


Fig. 6

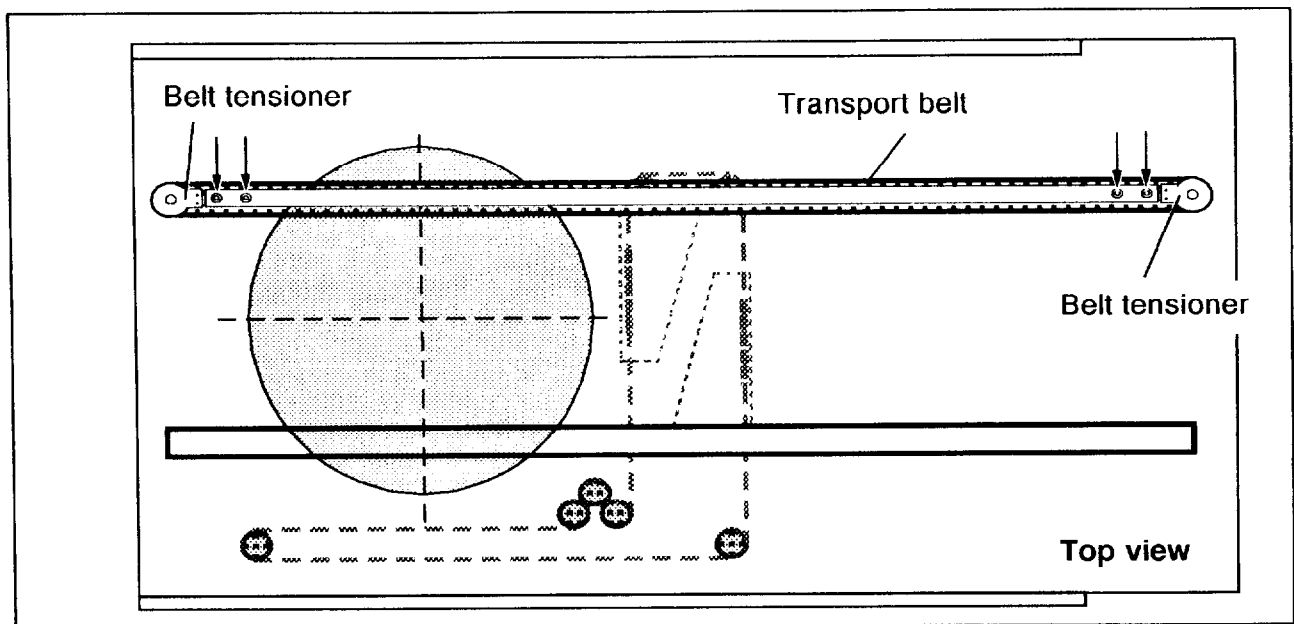


Fig. 7

### Replacement of the transport belts

- Loosen one of the two belt tensioners together with the deflection pulleys on the transport arm equipped with a belt (↘/Fig. 7) until the belt can be removed.
- Remove the old belt and install a new one.
- By means of a spring balance, tension the new belt at the belt tensioner so that a force of  $50 \text{ N} \pm 2 \text{ N}$  results and then tighten the screws (↘/Fig. 7).

### Installation of the spotfilm device

- The installation procedure of the spotfilm device is analogous to removal procedure, but in the reverse working sequence.
- Insert the installation plate;  
while doing so, ensure that the setting scale and the lever move easily under the tabletop and under the arm in front of the swivel piece.
- Insert the drive.
- Install and tighten the toothed belt for the diaphragm plates.
- Fasten the drive in place;  
for this, observe the previously made marks.
- Feed the cables and plug in the connectors again.
- Reattach the installation plate.

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## Functional check

- Switch the unit on.
- Insert a loaded cassette and allow it to be retracted.
- Check the diaphragm plates and the subdivision.
- Check the centering of the diaphragm relative to the cassette and also the diaphragm aperture relative to the cassette.



- Take centering exposures onto cassettes.
- Check for perfect loading and unloading of all cassette sizes provided.
- Make the plug connection N16.X1 (↗/Fig. 3) to the emergency stop button.
- Reinsert the panelling.
- Fasten the panelling in place (↗/Fig. 1 and 2).
- Perform a brief final check.